

02527 U.S. PTO  
06/26/03

Practitioner's Docket No. 210\_588

PATENT

NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450** on June 26, 2003 under "EXPRESS MAIL" mailing label number **EV 317007964US**

*Christine M. Holmes*  
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21904 U.S. PTO  
10/606484  
06/26/03

Transmitted herewith for filing is the patent application of:

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Address: 7883 Cedar Drive, Avon, IN 46123-3802

Title: HEAT PUMP WITH IMPROVED PERFORMANCE IN HEATING MODE

1. Papers enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

- 7 Page(s) of Specification
- 3 Page(s) of Claims
- 1 Page(s) of Abstract
- 4 Sheets of Formal Drawings (Figs. 1-4)

B. Other Papers Enclosed

- ☒ A combined Declaration and Power of Attorney
- ☒ An Information Disclosure Statement
- ☒ PTO Form-1449
- ☒ An Assignment Transmittal and Assignment of the invention to Carrier Corporation

2. Small Entity Status

[ ] Applicant claims small entity status. (See 37 CFR 1.27)

3. The filing fee has been calculated as shown below:

A. Filing Fee

☒ Original Patent Application

(37 C.F.R. 1.16(a) --\$750.00; Small Entity--\$375.00)

\$ 750.00

B. Fees for Claims (20 Claims; 4 Indep.)  
☒ each independent claim in excess of 3  
(37 C.F.R. 1.16(b)--\$84.00; small entity--\$42.00) \$ 84.00  
☐ each claim in excess of 20  
(37 C.F.R. 1.16(c)--\$18.00; small entity--\$9.00) \$ .00  
☐ multiple dependent claim(s)  
(37 C.F.R. 1.16(d)--\$280.00; small entity--\$140.00) \$ .00  
 C. ☒ Assignment Fee \$ 40.00  
**Total Fees Due \$ 874.00**

**4. Payment of Fees and Authorization to Charge Additional Fees  
 or Credit Overpayment**

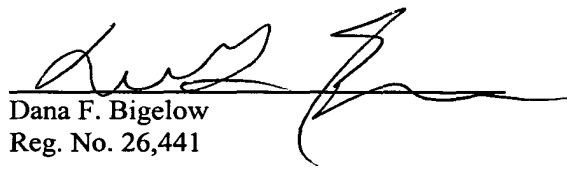
- ☒ A check in the amount of \$874.00 is enclosed.  
☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0289.  
☒ Any additional filing fees required under 37 CFR 1.16.  
☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

WALL MARJAMA & BILINSKI LLP

June 26, 2003

Date

  
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